



# **GFO-21-604 Pre-Application Workshop**

Rural Electric Vehicle (REV) Charging Solicitation

Fuels and Transportation Division  
January 5, 2022 | 10:00 am



# Workshop Agenda

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- Welcome and Introductions
- Solicitation Overview
- Application Components
- Application Evaluation
- Application Submittal
- Questions & Answers
- Next Steps
- Adjourn



# Housekeeping

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- Workshop is recorded on Zoom
- Grant Funding Opportunity Webpage:  
<https://www.energy.ca.gov/solicitations/2021-12/gfo-21-604-clean-transportation-program-rural-electric-vehicle-rev-charging>
- Virtual participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:  
Angela Hockaday, [Angela.Hockaday@energy.ca.gov](mailto:Angela.Hockaday@energy.ca.gov)  
Subject: GFO-21-604  
Deadline: January 19, 2022 by 5:00 PM





# Commitment to Diversity

The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state;
- Notify potential new applicants about the CEC's funding opportunities;
- Assist applicants in understanding how to apply for funding from the CEC's programs;
- Survey participants to measure progress in diversity outreach efforts.



# Diversity Survey



Scan the code on a phone or tablet with a QR reader to access the survey.

Survey Link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTiiPUnGGkFxKsOAVCy09xrFUOVdEMzZGQVhQVzIyTFY1RjRLUE5TNVBYTy4u>

## One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey.

Survey will be closed at the end of the day.



# Find Partners on EmpowerInnovation.net

**Empower Innovation** aims to accelerate your clean tech journey with easy access to funding opportunities from the Energy Commission and others, resources and events, and connections to people and organizations.

**[www.empowerinnovation.net](http://www.empowerinnovation.net)**

## **FIND A PARTNER**

Announce your interest in funding opportunities and message potential project partners directly.

## **RESOURCES & TOOLS**

Browse the collection of resources including Resource Libraries, Funding Sources, Tools, and Databases.



# Clean Transportation Program

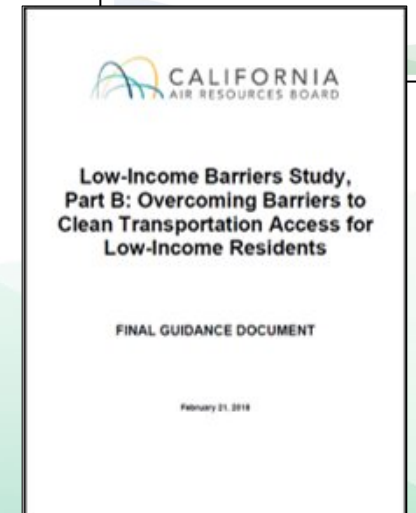
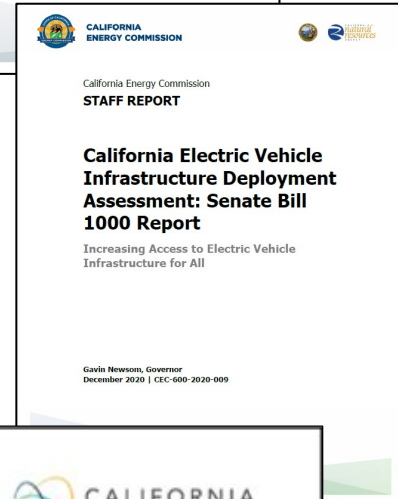
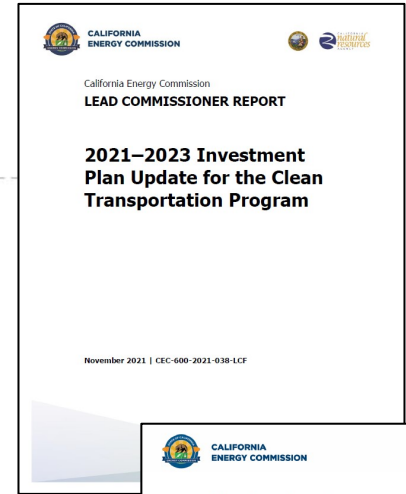
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- Established in 2007 by Assembly Bill 118 (2007)
- Extended to January 1, 2024, by Assembly Bill 8 (2013)
- Provides approximately \$95 million of funding per year through 2023
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development



# Policy Drivers

- [2021-2023 Investment Plan Update for the Clean Transportation Program](#)
- [Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment – Analyzing Charging Needs to Support Zero-Emission Vehicles in 2030](#)
- [California Electric Vehicle Infrastructure Deployment Assessment: Senate Bill 1000 Report](#)
- [Senate Bill 350 Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents](#)
- [Executive Order N-79-20](#)







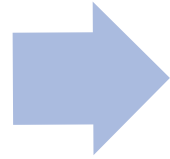
# Solicitation Overview

## Rural Electric Vehicle (REV) Charging Solicitation

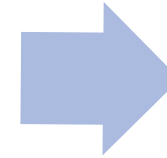


# Solicitation Process

Pre-  
Solicitation  
Workshop  
**June 2021**

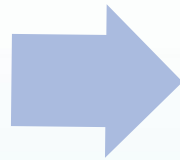


Solicitation  
Release  
**December 14,  
2021**



Applications  
Due  
**March 11,  
2022**

Notice of  
Proposed  
Awards  
**May 2022**



CEC Business  
Meeting  
**Q3 2022**



Project Start  
**Q3 2022**



# Purpose of Solicitation

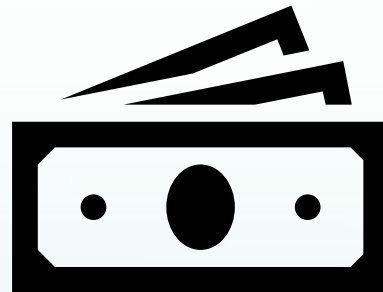
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- Competitive grant solicitation
- Projects for rural residents that will:
  - ✓ Demonstrate replicable and scalable light-duty electric vehicle (EV) charging business and technology models
  - ✓ Increase EV charging access
  - ✓ Support electric miles traveled and enable greater EV adoption



# Available Funding

- \$4,800,000 total is available under this solicitation
- The minimum grant award per project is \$500,000
- The maximum grant award per project is 80% of the total project cost or \$1,600,000 (whichever is less)





# Distribution of Funding

| Project Region | Counties   | Available Funding per Region |
|----------------|--|------------------------------|
| North          | Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Plumas, Shasta, Sierra, Siskiyou, Tehama, Trinity                             | \$1,600,000                  |
| Central        | Alpine, Amador, Calaveras, El Dorado, Fresno, Inyo, Kings, Madera, Mariposa, Merced, Mono, Placer, San Joaquin, Stanislaus, Sutter, Tulare, Tuolumne, Yolo, Yuba | \$1,600,000                  |
| South          | Imperial, Kern, Monterey, Riverside, San Benito, San Bernardino, San Luis Obispo, Santa Barbara, Ventura   | \$1,600,000                  |

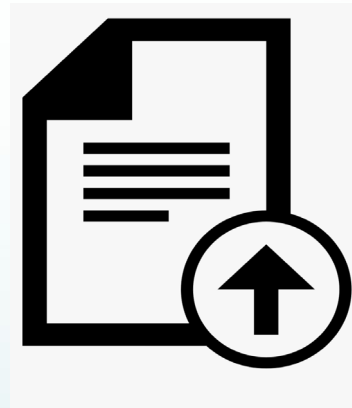
**Certain counties and cities are ineligible locations under this solicitation.**





# Applications and Awards

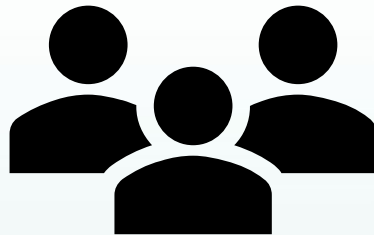
- Applicants may submit multiple applications.
- Applicants are eligible for no more than two-thirds of the total solicitation funding.
- The highest ranked projects with at least the minimum passing score will be recommended for funding until all funds available under this solicitation are exhausted.





# Eligible Applicants

- This solicitation is open to all public and private entities.
- Engagement with local community-based organizations is encouraged.





# Eligible Projects

- Eligible projects include, but are not limited to, any combination of the following:
  - Widespread strategic deployment models
  - Fast charging corridors
  - Charging in rural community centers
  - Low-power on-site charging
  - Streetlight or utility pole charging
  - Mobile chargers
  - Renewable distributed energy resources (DERs) and energy storage systems



**Projects must include deployment and installation of chargers.**



# Project Requirements

- At least 50% of total project costs in disadvantaged or low-income communities
- 97% uptime for a period of 5 years from commissioning
- Chargers that are available at least 18 hours per day
- Chargers that provide customer support service and multiple point-of-sale methods
- Well-lit charging locations and parking areas with adequate signage





# Charging Equipment Requirements

- Different requirements for DCFC, Level 1, and Level 2 chargers.
- Examples:
  - Requirements for CCS or SAE J1772 standard cords
  - Tesla and CHAdeMO connectors are allowed
- **See solicitation manual for complete list of charging equipment requirements.**







# AB 841 Electric Vehicle Infrastructure Training Program (EVITP) Requirements

AB 841 (Ting, 2020) added Public Utilities Code (PUC) section 740.20, which requires Electric Vehicle Infrastructure Training Program (EVITP) certification to install electric vehicle charging infrastructure and equipment for work performed on or after January 1, 2022, subject to certain exceptions.

The CEC is applying the EVITP certification requirements to project work resulting from this GFO, regardless of whether it might be performed prior to January 1, 2022, unless an exception applies.

Information on EVITP training is available at <https://evitp.org/evitp-training-la/>



# Eligible Project Costs

| Examples of Eligible Project Costs  | Examples of Project Costs that are <u>NOT</u> Eligible   |
|---|--|
| <ul style="list-style-type: none"><li>• EVSE</li><li>• Transformers</li><li>• Electric panels</li><li>• Conduit</li><li>• Wiring</li><li>• Meters</li><li>• DERs or energy storage equipment/systems capable of providing power to EV chargers</li><li>• Photovoltaic solar panels separately metered for electric charging</li><li>• Installation costs</li><li>• Planning and engineering design costs</li><li>• Stub-outs</li><li>• Demand management equipment</li><li>• Equipment warranties</li><li>• Maintenance, maintenance agreement</li><li>• Local engagement and outreach on rural EV charging</li></ul> | <ul style="list-style-type: none"><li>• Vehicle purchases</li><li>• Standard outlets (110/120 volt or 220/240 volt)</li><li>• Nonrenewable distributed energy resources</li><li>• Distribution grid or other equipment costs that are otherwise covered by programs or tariff rules of the electric utilities</li><li>• Paper studies or research projects</li><li>• Projects that are primarily surveys</li><li>• Proposals for vehicle demonstrations or demonstrations of existing technologies</li></ul> |





# Match Funding Requirements

- Match must be at least 20% of the total project costs.
- Match can be in the form of cash and/or in-kind match.

## Example Calculation:

- Total project cost is \$1,800,000
- Match share contribution must be at least \$360,000
  - $\$360,000 \div \$1,800,000 = 20\%$
  - CEC cost would be no more than  $\$1,800,000 - \$360,000 = \$1,440,000$



# Application Components

## Rural Electric Vehicle (REV) Charging Solicitation



# Application Organization

Solicitation Manual p. 24

| Item   | Action Needed by Applicant |
|--|----------------------------|
| Application Form (Attachment 1)  | Complete attachment        |
| Project Narrative  | Create document            |
| Scope of Work Template (Attachment 2)  | Complete attachment        |
| Schedule of Products and Due Dates (Attachment 4)                                  | Complete attachment        |
| Budget Forms (Attachment 5)  | Complete attachment        |
| Resumes  | Create document(s)         |
| Contact List (Attachment 6)  | Complete attachment        |
| Letters of Support/Commitment  | Create document(s)         |
| CEQA Worksheet (Attachment 7)  | Complete attachment        |
| Localized Health Impacts Information Form (Attachment 8)                           | Complete attachment        |
| Clean Transportation Program Terms and Conditions (Attachment 9)                   | None                       |
| Past Performance Reference Form (Attachment 10)                                    | Complete attachment(s)     |
| Special Terms and Conditions for California Native American Tribes (Attachment 11) | None                       |
| Operation and Maintenance Plan   | Create document            |





# Application Form (Attachment 1)

- Applicants must include a completed full Application Form which describes the project, funds requested, partnerships, applicant eligibility, and other information
- Signature requirement on the application form is waived

| ATTACHMENT 01<br>GFO APPLICATION FORM  |  |
|--|--|
| <p>[This document provides the California Energy Commission (CEC) with basic information about the Applicant and Proposed Project. Each Applicant must complete and include this Application Form in its application.]</p> |  |
| <b>Applicant's Legal Name</b>  | <b>Federal ID Number</b>   |
| <input type="text"/>   | <input type="text"/>   |
| <b>Title of Proposed Project</b>   |  |
| <input type="text"/>   |  |
| <b>Proposed Term</b>   |  |
| <b>Start Date</b>  | <b>End Date</b>  |
| <input type="text"/> / <input type="text"/> / <input type="text"/>   | <input type="text"/> / <input type="text"/> / <input type="text"/> |
| <b>Proposed Project Funding</b>  |  |
| <b>Amount of Funds Requested</b>   | \$ <input type="text"/>  |
| <b>Match Funding</b>   | \$ <input type="text"/>  |
| <b>Total Project Cost</b> (sum of two previous rows)   | \$ <input type="text"/>  |
| <b>Match Funding Percentage</b> (Match Funding / Total Project Cost)   | <input type="text"/> %   |
| <b>Application Project Region (Check only one)</b>   |  |
| <input type="checkbox"/> Northern California   |  |
| <input type="checkbox"/> Central California  |  |
| <input type="checkbox"/> Southern California   |  |

Application Form  
Attachment 01

Page 1 of 4

GFO-21-604  
REV Charging



# Project Narrative

- Applicants must submit a project narrative
- **The project narrative must respond to each scoring criterion described in the Evaluation Criteria** (pp. 38-40 of the solicitation manual)
- Limit is 25 pages
- Must provide a table of contents
- Use 11-point font, single-spaced, and a blank line between paragraphs

a. **Project Implementation and Readiness**

- 1) Detail project goals and objectives.
- 2) Describe how the project will address the rural communities' needs for charging infrastructure and supports travel by rural residents.
- 3) Describe how the project will demonstrate a *replicable* and *scalable* business model that provides convenient and accessible EV charging for rural areas.

| Criterion   | Possible Points |
|---|-----------------|
| <b>1. Project Implementation and Readiness</b><br>Applications will be evaluated on the degree to which: <ul style="list-style-type: none"><li>• The project will support the stated goals of this solicitation.</li><li>• The project addresses the rural communities' needs for charging infrastructure and supports travel by rural residents.</li><li>• The project demonstrates a replicable and scalable business model to provide convenient and accessible EV charging for rural areas.</li></ul> | 35              |



# Scope of Work (Attachment 2)

- Applicants must complete Attachment 2
- Describe exactly what the project will do
- Identify what will be delivered to the CEC
- Be sure to include in the technical tasks:
  - Descriptive language on the work that the project will conduct to address requirements in Section II.B Project Requirements
  - At least one deliverable per technical task.

<Insert Recipient/Applicant Name>

## Attachment 02 Exhibit A SCOPE OF WORK

### TECHNICAL TASK LIST

<Insert the Task numbers and Task names for your Agreement. Applicants may leave the CPR column blank.>

| Task #                | CPR | Task Name                    |
|-----------------------|-----|------------------------------|
| 1                     |     | Administration               |
| 2                     |     | <Insert Task Name>           |
| 3                     |     | <Insert Task Name>           |
| <Etc.>                |     | <Insert Task Name>           |
| <Etc.>                |     | <Insert Task Name>           |
| <Second to Last Task> |     | Data Collection and Analysis |
| <Last Task>           |     | Project Fact Sheet           |

### KEY NAME LIST

<Insert the Task numbers and the Key names for each Task in your Project. Include Key names only if the value of the project would significantly change without those personnel, subcontractors, or partners. Add additional lines as needed. Alternatively, you may delete this table if there are no key names.>

| Task # | Key Personnel | Key Subcontractor(s) | Key Partner(s) |
|--------|---------------|----------------------|----------------|
| 1      | <Name>        | <Name>               | <Name>         |
| 2      | <Name>        | <Name>               | <Name>         |
| 3      | <Name>        | <Name>               | <Name>         |
| <Etc.> | <Name>        | <Name>               | <Name>         |

### GLOSSARY

Specific terms and acronyms used throughout this scope of work are defined as follows:

| Term/ Acronym | Definition                   |
|---------------|------------------------------|
| CAM           | Commission Agreement Manager |
| CAO           | Commission Agreement Officer |
| CEC           | California Energy Commission |



# Schedule of Products and Due Dates (Attachment 4)

- Applicants must complete Attachment 4
- Add task names and deliverables that correspond to the Scope of Work
- Provide realistic dates on when deliverables can be completed

| Attachment 04<br>Exhibit A-1       |                                  |  |  |
|------------------------------------|----------------------------------|--|--|
| Schedule of Products and Due Dates |                                  |  |  |
| Task Number                        | Task Name                        | Product(s)   | Due Date   |
| 1.1                                | Attend Kick-off Meeting          |  |  |
|                                    |                                  | Updated Schedule of Products   | <Insert Date>                                      |
|                                    |                                  | Updated List of Match Funds  | <Insert Date>                                      |
|                                    |                                  | Updated List of Permits  | <Insert Date>                                      |
|                                    |                                  | Written Statement of Match Share Activities                                    | <Insert Date>                                      |
|                                    |                                  | Kick-Off Meeting Agenda (CEC)  | <Insert Date>                                      |
| 1.2                                | Critical Project Review Meetings |  |  |
|                                    |                                  | CPR Report   | <Insert Date>                                      |
|                                    | 1st CPR                          | CPR Meeting Agenda (CEC)   | <Insert Date>                                      |
|                                    | Meeting                          | Schedule for written determination (CEC)                                       | <Insert Date>                                      |
|                                    |                                  | Written determination (CEC)  | <Insert Date>                                      |
|                                    | <Add as many CPRs as required>   | <Utilize same products as 1st CPR Meeting>                                     | <Insert Date>                                      |
|                                    |                                  | <Utilize same products as 1st CPR Meeting>                                     | <Insert Date>                                      |
| 1.3                                | Final Meeting                    |  |  |
|                                    |                                  | Written documentation of meeting agreements                                    | <Insert Date>                                      |
|                                    |                                  | Schedule for completing closeout activities                                    | <Insert Date>                                      |
| 1.4                                | Monthly Calls                    |  |  |
|                                    |                                  | Email to CAM concurring with call summary notes                                | Within 5 days of receipt                           |
| 1.5                                | Quarterly Progress Reports       |  |  |
|                                    |                                  | Quarterly Progress Reports   | 10th day of each January, April, July, and October |
| 1.6                                | Final Report                     |  |  |
|                                    |                                  | Final Outline of the Final Report  | <Insert Date>                                      |
|                                    |                                  | Draft Final Report (no less than 60 days before the end term of the agreement) | <Insert Date>                                      |
|                                    |                                  | Final Report   | <Insert Date>                                      |
| 1.7                                | Identify and Obtain Match Funds  |  |  |
|                                    |                                  | A letter regarding match funds or stating that no match funds are provided     | <Insert Date>                                      |
|                                    |                                  | Copy(ies) of each match fund commitment letter(s) (if applicable)              | <Insert Date>                                      |
|                                    |                                  | Letter(s) for new match funds (if applicable)                                  | identifying new match funds                        |
|                                    |                                  | Letter that match funds were reduced (if applicable)                           | Within 10 days of identifying reduced funds        |



# Budget (Attachment 5)

- Applicants must complete Attachment 5
- Follow Budget Instructions
- Identify how CEC funds and match funds will be spent to complete the project
- All reimbursable costs must be incurred within the approved term of the funding agreement

*For more information on updates to the CEC budget forms, visit the [CEC ECAMS Resources webpage](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) at <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>*

| PROPOSAL BUDGET   |                   |             |       |
|---|-------------------|-------------|-------|
| Category Budget   |                   |             |       |
| Agreement Number  | GFO-21-604        |             |       |
| Name of Organization  | Organization Name |             |       |
| Select Recipient or Subrecipient  |                   |             |       |
| Select your company's California Business Certifications  |                   |             |       |
| Cost Category   | CEC Share         | Match Share | Total |
| Direct Labor  | \$ -              | \$ -        | \$ -  |
| Fringe Benefits   | \$ -              | \$ -        | \$ -  |
| Total Labor   | \$ -              | \$ -        | \$ -  |
| Travel  | \$ -              | \$ -        | \$ -  |
| Equipment   | \$ -              | \$ -        | \$ -  |
| Materials/Miscellaneous   | \$ -              | \$ -        | \$ -  |
| Subrecipients/Vendors   | \$ -              | \$ -        | \$ -  |
| Total Other Direct Costs  | \$ -              | \$ -        | \$ -  |
| Indirect Costs  | \$ -              | \$ -        | \$ -  |
| Profit (not allowed for grant recipients)   | \$ -              | \$ -        | \$ -  |
| Total Indirect and Profit   | \$ -              | \$ -        | \$ -  |
| Grand Totals  | \$ -              | \$ -        | \$ -  |
| Total CEC Reimbursable Funds Spent in California or Paid to California-Based Entities (if applicable) | \$ -              |             |       |
| Percentage of CEC Reimbursable Funds Spent in California or Paid to California-Based Entities         |                   |             |       |





# Resumes

- Applicants must include resumes for key personnel identified in the application
- Resumes are limited to a maximum of 2 pages each

## FIRST LASTNAME

Construction Worker  
Seattle, WA  
firstlast@email.com  
555-555-5555

Effective at using forklift's, hand trucks and pallet jacks to move merchandise. Skilled at inspecting stock, tagging product and updating computer tracking systems. Well-versed in warehouse operations, inventory audits and loading and unloading procedures.

Eligible to work for any employer in the U.S.

## WORK EXPERIENCE

### Construction Worker

NewCompany January 2018 to Present

Unpacked and assembled all new merchandise using variety of power tools and lean manufacturing. Heavy Lifting. Measuring. Organize Building Materials. Read and Interpret Drawings. Safety. Supported technicians in equipment maintenance and repair. Organized Warehouse Operations.

### Crew Lead

CompanyCo, Inc July 2017 to December 2017

Trained employees so that they were well-educated in time management and the proper ways to complete their job duties. Utilized all machinery and equipment while observing various safety precautions and practices. Ensured that job tasks were completed to standards and in accordance with company guidelines. Maintained the job site on a daily basis and checked to see that all trash and refuse was removed. Completed daily forklift safety checklists. Located proper slots on storage racks and set pallets in place with forklift and pallet jack.

## EDUCATION

### High school or equivalent

Ged Program - NewCity, NC  
April 2015 to February 2016



# Contact List (Attachment 6)

- Applicants must include a completed Contact List by including the appropriate points of contact for the Applicant
- The CEC will complete the CEC points of contact during agreement development

## Attachment 06 CONTACT LIST

Please complete the information in the "Recipient" column.

| California Energy Commission  | Recipient   |
|---|---|
| <b>Commission Agreement Manager:</b><br>(TBD by Commission)<br>California Energy Commission<br>715 P Street, MS-6<br>Sacramento, CA 95814<br>Phone: (916) XXX-XXXX<br>e-mail:   | <b>Project Manager:</b><br>Name<br>Company Name<br>Street Address<br>City, State ZIP<br>Phone: (XXX) XXX -XXXX<br>Fax: (XXX) XXX -XXXX<br>e-mail:         |
| <b>Confidential Deliverables/Products:</b><br>California Energy Commission<br>Contracts, Grants, and Loans Officer<br>715 P Street<br>Sacramento, CA 95814<br>Phone: (916) 767-4991   | <b>Administrator:</b><br>Name<br>Company Name<br>Street Address<br>City, State ZIP<br>Phone: (XXX) XXX -XXXX<br>Fax: (XXX) XXX -XXXX<br>e-mail:           |
| <b>Invoices, Progress Reports and Non-Confidential Deliverables to:</b><br>California Energy Commission<br>Accounting Officer<br>715 P Street<br>Sacramento, CA 95814<br>e-mail: <a href="mailto:invoices@energy.ca.gov">invoices@energy.ca.gov</a>               | <b>Accounting Officer:</b><br>Name<br>Company Name<br>Street Address<br>City, State ZIP<br>Phone: (XXX) XXX -XXXX<br>Fax: (XXX) XXX -XXXX<br>e-mail:      |
| <b>Legal Notices:</b><br>Tatyana Yakshina<br>Grants Manager<br>California Energy Commission<br>715 P Street, MS-18<br>Sacramento, CA 95814<br>Phone: (916) 827-9294<br>e-mail: <a href="mailto:tatyana.yakshina@energy.ca.gov">tatyana.yakshina@energy.ca.gov</a> | <b>Recipient Legal Notices:</b><br>Name<br>Company Name<br>Street Address<br>City, State ZIP<br>Phone: (XXX) XXX -XXXX<br>Fax: (XXX) XXX -XXXX<br>e-mail: |



# Letters of Support/Commitment

- Applicants must include certain Commitment Letters
  - From entities or individuals that are committing match funding
  - From key project partners that will make contributions to the project
- Support letters are optional
- Limit of two pages per letter





# California Environmental Quality Act (CEQA) Worksheet (Attachment 7)

- Applicants must submit a completed CEQA Worksheet to determine CEQA compliance obligations.
- The CEC requires this information to assist with our CEQA determinations.

## ATTACHMENT 07

### CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) WORKSHEET

The California Environmental Quality Act (CEQA) (Public Resources Code §§ 21000 et seq.) requires public agencies to identify the significant environmental impacts of their actions and to avoid or mitigate them, if feasible.<sup>1</sup> Under CEQA, an activity that may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment is called a "project." (Public Resources Code § 21065.) Approval of a contract, grant, or loan may be a "project" under CEQA if the activity being funded may cause a direct physical change or a reasonably foreseeable indirect physical change in the environment. Agencies must comply with CEQA before they approve a "project." This can include preparing a Notice of Exemption or conducting an Initial Study and preparing a Negative Declaration, a Mitigated Negative Declaration, or, if there are significant impacts, an Environmental Impact Report.

The Lead Agency is the public agency that has the greatest responsibility for preparing environmental documents under CEQA, and for carrying out, supervising, or approving a project. Where the award recipient is a public agency, the Lead Agency is typically the recipient. Where the award recipient is a private entity, the Lead Agency is the public agency that has greatest responsibility for supervising or approving the project as a whole.<sup>2</sup> When issuing contracts, grants or loans, the Energy Commission is typically a "Responsible Agency" under CEQA, which means that it must make its own CEQA findings based on review of the Lead Agency's environmental documents. If the Energy Commission is the only public agency with responsibility for approving the project, then the Energy Commission must act as the Lead Agency and prepare its own environmental documents before approving the project.

This worksheet will help the Energy Commission determine what kind of CEQA review, if any, is necessary before it can approve the award, and which agency will be performing that review as a Lead Agency. Please answer all questions as completely as possible. It may also help you to think through the CEQA process necessary for your proposed project. The Energy Commission may request additional information in order to clarify responses provided on this worksheet.

<sup>1</sup> For a brief summary of the [CEQA process](http://ceres.ca.gov/ceqa/summary.html), please visit <http://ceres.ca.gov/ceqa/summary.html>.

<sup>2</sup> 14 C.C.R. §§ 15050, 15051. The Lead Agency typically has general governmental powers (such as a city or county), rather than a single or limited purpose (such as an air pollution control district).



# Local Health Impacts Information Form (Attachment 8)

- Applicants must complete and submit a Local Health Impacts Information Form.
- The CEC requires this information for a localized health impacts report.

## Attachment 08

### LOCAL HEALTH IMPACTS INFORMATION

Air Quality Guidelines (California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6)(A)) require the Energy Commission to analyze the aggregate locations of the funded projects, analyze the impacts in communities with the most significant exposure to air contaminants or localized air contaminants, or both, including, but not limited to, communities of minority populations or low-income populations, and identify agency outreach to community groups and other affected stakeholders.

This information must be provided for all AB 118 funding categories, including fueling stations, fuel production, feedstock production or procurement, and vehicle or technology component production.

#### INSTRUCTIONS

Please complete the following information for *all sites where work for the proposed project that will require a permit will be done*. Attach additional pages if necessary. If the project includes multiple sites, you may submit this information in a table format using the bolded font below as column headers.

#### PROJECT NAME

#### APPLICANT'S NAME AND ORGANIZATION

#### PROJECT SITE(S) DESCRIPTION

Provide the precise street address(es) of the site(s) and a description of existing infrastructure or facilities (if any), surrounding structures, reference to any regional plans or zoning requirements for each location, and its proximity to residences, day care facilities, elder care facilities, medical facilities, and schools.

(E.g., Site 1: 123 Main Street, Grand Terrace, CA, 92313, Vacant lot in a commercially zoned area. Commercial buildings surround the lot. No residences, daycare facilities, elder care facilities, medical facilities or schools within ¼ mile; Site 2: 321 Beach Street, San Francisco, CA, Existing gasoline/diesel fueling station. Residential area within 200 on South and East ends of project site.)

#### DEMOGRAPHIC DATA

Provide demographic data at the city or Zip code level for either the project location or the location of the potential health impacts, including:

- Total population
- Median education level
- Unemployment rate
- Percentage of minorities (by ethnicity)



# Past Performance Reference Form (Attachment 10)

- Applicants must complete Attachment 10 to provide references for:
  - Agreements with the CEC in the last 10 years
  - The five most recent agreements with other public agencies within the past 10 years
- Include contact information. References may be contacted by CEC staff.
- Applicants must fill out a separate Past Performance Reference Form for each agreement received by the applicant.

Attachment 10  
GFO-21-604  
**PAST PERFORMANCE REFERENCE FORM**

Provide references for CEC agreements (e.g., contracts, grants, or loans) received by the Applicant in the last 10 years and the 5 most recent agreements with other public agencies within the last 10 years to verify Applicant's past performance. Each reference must include a contact person name and phone number (or email address). If contacted by California Energy Commission staff, references should be able to speak to Applicant's ability to successfully complete projects in a timely manner.

In response to Section III.D.3.a, Team Experience, Qualifications, and Resources, if the team's experience and qualifications includes a specific project(s) under current or prior agreements with public funding (e.g., contract, grant, or loan), the Applicant must also submit a Past Performance Reference Form(s) for the project(s), even if the team member is not the primary Applicant.

Applicants should fill out a separate Past Performance Reference Form for each reference.

**Reference Contact Information**

|                                  |       |
|----------------------------------|-------|
| <b>Name of Organization</b>      |       |
| <b>Street Address</b>            |       |
| <b>City, State, and Zip Code</b> |       |
| <b>Contact Name</b>              |       |
| <b>Phone Number</b>              | ( ) - |
| <b>E-mail Address</b>            |       |

**Project Information**

|  |  |
|--|--|
| <b>Project Title</b>   |  |
| <b>Agreement Number<br/>(or other unique<br/>identifier)</b> |  |

1. **For projects that did not complete (or timely complete) project objectives): Describe the challenges faced, what led to those challenges and indicate whether those challenges were within the Applicant's control.**  
(Answer)
2. **Describe any severe audit findings and how they were ultimately addressed and resolved.**  
(Answer)
3. **Describe the final outcome of the project.**  
(Answer)



# Operation and Maintenance Plan

- Applicants must submit an Operation and Maintenance Plan
- Refer to page 33 of the solicitation manual for a detailed description of what to include in the Plan
- Explain who will be responsible for operating and maintaining charging equipment and who will cover these costs
- Explain how the uptime and customer service project requirements will be met
- Limit the plan to 10 pages



# **Application Evaluation**

## Rural Electric Vehicle (REV) Charging Solicitation





# How Will My Application Be Evaluated?

## Stage One: Application Screening

- Administrative Screening Criteria (Pass/Fail)
- Technical Screening Criteria (Pass/Fail)
- Past Performance Criteria (Pass/Fail)

## Stage Two: Application Technical Evaluation and Scoring

\*Applicants must pass ALL screening criteria, or the application shall be disqualified and eliminated from further evaluation.



# Administrative Screening Criteria

| Criteria   | Pass/Fail    |
|--|--------------|
| 1. The application is received by CEC's Contracts, Grants, and Loans Office by the due date and time specified in the "Key Activities Schedule" in Section I of this solicitation. | Pass or Fail |
| 2. The applicant provides the required authorizations and certifications.  | Pass or Fail |
| 3. The applicant has not included a statement that is contrary to the required authorizations and certifications.  | Pass or Fail |



# Technical Screening Criteria

| Criteria  | Pass/Fail    |
|---|--------------|
| 1. The Applicant is an eligible applicant.                          | Pass or Fail |
| 2. The project is an eligible project.                              | Pass or Fail |
| 3. The applicant meets the minimum match share requirement, if any. | Pass or Fail |
| 4. The applicant passes the past performance criterion.             | Pass or Fail |



# Past Performance Screening

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1. An Applicant may be disqualified due to severe performance issues characterized by significant negative outcomes under one or more prior or active CEC agreement(s) within the last 10 years.
2. Any applicant that does not have an active or prior agreement equates to no severe performance issues and therefore would pass this screening criteria.



# Application Technical Evaluation and Scoring

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- The Evaluation Committee applies the scoring scale to the evaluation criteria.
- Applications must obtain a minimum passing score of **70%** or **70 points** in order to be considered for funding.
- Review Section IV of the solicitation manual and ensure the application provides a clear and complete response to each scoring criteria.



# Application Evaluation and Scoring

| Scoring Criterion                              | Possible Points |
|--|-----------------|
| 1. Project Implementation and Readiness        | 35              |
| 2. Project Location, Accessibility, and Safety | 20              |
| 3. Project Benefits                            | 20              |
| 4. Project Innovation and Sustainability       | 5               |
| 5. Team Qualifications                         | 10              |
| 6. Project Budget                              | 10              |
| <b>Total Possible Points</b>                   | <b>100</b>      |
| <b>Minimum Points to Pass (70%)</b>            | <b>70</b>       |



# Project Implementation and Readiness (35 points)

Solicitation Manual p. 38

Applications will be evaluated on the degree to which:

- The project will support the stated goals of this solicitation.
- The project addresses the rural communities' needs for charging infrastructure and supports travel by rural residents.
- The project demonstrates a replicable and scalable business model to provide convenient and accessible EV charging for rural areas.
- The project provides outreach to rural communities and engages potential end users and site hosts.
- The project supports any applicable local and regional plans for EV readiness.
- The proposed charging equipment has features to deter or prevent vandalism, or any other features to reduce potential downtime.
- Project lighting will effectively illuminate charging area and the project will result in safe charging environments.
- The applicant proposes clear, detailed, and convincing strategies in the Operation and Maintenance Plan to ensure 97% charger uptime and customer satisfaction. Operation of charging equipment and supporting elements will result in accessible, convenient, and reliable infrastructure that is most appropriate for the identified rural community(ies).
- The project team will engage local community-based organizations and residents in decision-making processes throughout the term of the CEC funded agreement to ensure that the project continues to benefit rural residents.
- Local engagement and outreach funds, if applicable, are necessary to support successful implementation and operation of the project.
- The project will mitigate potential damage to the charging equipment and supporting elements from extreme weather typically experienced in the deployment area.
- Customer support service will adequately address customer concerns at the charging site.
- Completion dates are reasonable and demonstrate that the project can be successfully implemented.



# Project Location, Accessibility, and Safety (20 points)

Solicitation Manual pp. 38-39

Applications will be evaluated on the degree to which:

- Site selection reflects the needs and inputs of rural community(ies).
- The applicant has conducted preliminary site analysis and completed preliminary site design. If sites are not identified or secured, appropriate sites will be quickly identified and secured.
- Letters of support or commitment from site hosts, utilities, and other project partners demonstrate the applicant has identified project sites and the sites are secured.
- The site(s) are located in low-income communities and/or disadvantaged communities.
- The project avoids undeveloped greenfields and/or uses brownfields.
- The site(s) will be safe, accessible, and convenient.
- The site(s) optimizes the distance between existing DC fast chargers. If additional DC fast chargers are needed in an area with existing DC fast chargers, the applicant clearly explains how the DC fast charger addresses requirements identified by the rural community.





# Project Benefits (20 points)

Solicitation Manual p. 39

Applications will be evaluated on the degree to which:

- The project will benefit rural residents and communities, including emission reductions, public health, economic, and cost-saving benefits.
- The project maximizes benefits for low-income and disadvantaged communities.
- The project exceeds the required percentage of funding in low-income and disadvantaged communities.
- The project provides economic benefits and cost savings.
- The project minimizes the cost of charging to drivers, and assumptions utilized are documented and reasonable.
- The proposed project results in high benefit-cost score defined as the ratio of grams of CO<sub>2</sub> equivalent reduction per dollar of Energy Commission investment for the proposed project term.
- The project maximizes the dissemination of data, results and lessons for knowledge transfer and advancement of charging to serve rural residents.
- The proposed project will continue beyond the term of the Energy Commission's funding agreement.



# Project Innovation and Sustainability (5 points)

Solicitation Manual p. 39

Applications will be evaluated on the degree to which:

- The project is innovative and fits the built environment, use case, and vehicle types of the identified rural community.
- The project implements vehicle-grid integration operations, if applicable.
- The project addresses limited power distribution capacity and/or mitigates negative grid impacts, if applicable.
- The project demonstrates the ability to improve resiliency of California's grid and response to extreme weather events and other emergencies.
- The project will continue project operations beyond the term of the CEC funding agreement.



# Team Qualifications (10 points)

Solicitation Manual p. 40

Applications will be evaluated on the degree to which:

- The project team's qualifications (including relevant expertise, experience, and skill sets) are suitable to the tasks described in the proposed scope of work.
- The applicant and project team have demonstrated exceptional administrative and technical performance under existing or prior funding agreements.
- The applicant demonstrates the ability to develop milestones and deadlines, and successfully complete milestones associated with large, complex projects.
- Team member and key project partner functions are fully documented, complete and appropriate for project implementation.



# Project Budget (10 points)

Solicitation Manual p. 40

Applications will be evaluated on the degree to which:

- The project budget is justifiable and reasonable relative to the project goals, objectives, and tasks defined in the scope of work.
- The project minimizes administrative and overhead costs for reimbursement.
- The match funding commitments, if required, are documented, verifiable, and necessary to support the successful completion of the project.



# **Special Note on Terms and Conditions**

## **Rural Electric Vehicle (REV) Charging Solicitation**



# Terms and Conditions

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- The Terms and Conditions are changing with ECAMS.
- Attachment 9 includes the pre-ECAMS Clean Transportation Program Terms and Conditions, plus Appendix 1 that explains streamlining grant terms and conditions that the CEC is implementing.
- Appendix 1 reflects updated terms and conditions that will apply to agreements that result from this solicitation.
- More information is on the [ECAMS Resources webpage](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) at <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>.



# **Application Submittal**

## **Rural Electric Vehicle (REV) Charging Solicitation**



# GFO Submission Requirements (Electronic)

- Method of delivery is the CEC's Grant Solicitation System, available at: <https://gss.energy.ca.gov>
- First time users must register as a new user to access system.
- Electronic files must be in Microsoft Word (.doc, .docx) and Excel (.xls, .xlsx) formats, unless originally provided in the solicitation in another format.
- Until further notice, any requirement in CEC solicitations to provide a signature is waived (even if it is in the screening criteria). No signature, even electronic is necessary.
  - Notice on CEC's waiver of the signature requirement is available at <https://www.energy.ca.gov/funding-opportunities/solicitations>





# GFO Submission

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## Submit applications early!

The GSS system will stop accepting application documents promptly at the deadline of 11:59 p.m. on March 11, 2022.



# GFO Submission Resources

- How to Apply via the Grant Solicitation System:  
<https://www.energy.ca.gov/media/1654>.
- This presentation explains how to:
  - Create an account
  - Create a new application
  - Select the correct solicitation
  - Upload application files
  - Edit application
  - Review and submit
- Tips and Frequently Asked Questions

A screenshot of the California Energy Commission's Grants Solicitation System login page. The page features the CA.GOV logo and the California Energy Commission name at the top. A navigation bar includes links for Home, About Us, Analysis & Stats, Efficiency, Funding, Power Plants, Renewables, Research, and Transportation. The main heading is "Grants Solicitation System". Below this is a "Log In" section with input fields for "Email" (labeled "Your Email Address") and "Password" (labeled "Your Password"). There is a "Sign In" button and a link for "Forgot your password?". At the bottom, there is a link for "Don't have an account?" and a button labeled "Register as a New User".



# Key Dates

| Activity   | Action Date           |
|--|-----------------------|
| Solicitation Release                                 | <b>Dec. 14, 2021</b>  |
| Pre-Application Workshop                             | <b>Jan. 5, 2022</b>   |
| <b>Deadline for Written Questions by 5:00 p.m.</b>   | <b>Jan. 19, 2022</b>  |
| Anticipated Distribution of Question/Answers         | Week of Feb. 7, 2022  |
| <b>Deadline to Submit Applications by 11:59 p.m.</b> | <b>March 11, 2022</b> |
| Anticipated Notice of Proposed Awards Posting        | Week of May 16, 2022  |
| Anticipated Energy Commission Business Meeting       | August 10, 2022       |



# Question and Answers

## Three ways to ask questions:

Please state your name and affiliation. Keep questions under 3 minutes to allow time for others.

### 1. Use the raise hand function in Zoom

Zoom Phone Controls:

- \*6 – Toggle mute/unmute
- \*9 – Raise hand

### 2. Type questions in the Zoom Q&A Box

### 3. Submit written questions

Send written questions to [Angela.Hockaday@energy.ca.gov](mailto:Angela.Hockaday@energy.ca.gov)

Deadline: January 19, 2022 by 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage in early February.



# Written Questions

Please send all questions related to GFO-21-604 REV Charging to:

**Angela Hockaday**

Commission Agreement Officer

715 P Street, MS-18

Sacramento, CA 95814

(916) 931-5973

[Angela.Hockaday@energy.ca.gov](mailto:Angela.Hockaday@energy.ca.gov)

(Please add subject line: GFO-21-604)

**Deadline to submit questions: January 19, 2022, 5:00 p.m. PST**

**Deadline to submit applications: March 11, 2022, 11:59 p.m. PST**



# Next Steps

| Activity   | Action Date              |
|--|--------------------------|
| Deadline for Written Questions by 5:00 p.m.          | January 19, 2022         |
| Anticipated Distribution of Question/Answers         | Week of February 7, 2022 |
| <b>Deadline to Submit Applications by 11:59 p.m.</b> | <b>March 11, 2022</b>    |
| Anticipated Notice of Proposed Awards Posting        | Week of May 16, 2022     |

Updates to solicitation documents will be posted on the [GFO Webpage](https://www.energy.ca.gov/solicitations/2021-12/gfo-21-604-clean-transportation-program-rural-electric-vehicle-rev-charging):  
<https://www.energy.ca.gov/solicitations/2021-12/gfo-21-604-clean-transportation-program-rural-electric-vehicle-rev-charging>



# **Thank You!**

Applications are due March 11, 2022, by 11:59 p.m.